

**AMENDMENTS TO THE CLAIMS**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**LISTING OF CLAIMS**

1 1. (currently amended) An attachment device for connecting  
2 a head and neck support device to a helmet, which  
3 comprises:

4 (a) a base having a front surface with an  
5 indentation and a back surface with an opening extending  
6 therebetween for positioning on the helmet with the back  
7 surface of the base ~~adjacent~~ mounted on an outer surface of  
8 the helmet and the opening of the base aligned with a hole  
9 in the helmet wherein the base extends outward from the  
10 back surface to the front surface in a direction away from  
11 the outer surface of the helmet;

12 (b) a button having an opening and positioned in  
13 the indentation ~~of~~ in the front surface of the base with the  
14 opening of the button aligned with the opening of the base  
15 wherein when the button is depressed, the button moves into  
16 the indentation of the base;

17 (c) a resilient member positioned between the  
18 ~~front surface of the~~ base and the button for biasing the

19 button in a direction away from the base;

20 (d) a post, having opposed first and second ends  
21 with a head at the first end, for positioning through the  
22 openings of the button and the base and the hole in the  
23 helmet so that the second end of the post is adjacent an  
24 inner surface of the helmet;

25 (e) a retainer for mounting on the second end of  
26 the post adjacent the inner surface of the helmet for  
27 securing the post in position in the hole in the helmet;  
28 and

29 (f) a catch for connecting to the head and neck  
30 support device and having an opening for connecting to the  
31 head of the post by positioning the head of the post  
32 through the opening.

1 2. (previously presented) The device of Claim 1 wherein  
2 the button has a front surface and a back surface and is  
3 positioned in the indentation with the back surface adjacent  
4 the base so that when the button is depressed, the front  
5 surface of the button is flush with the front surface of  
6 the base adjacent the indentation.

1        3. (original) The device of Claim 1 wherein the post has a  
2        connector section adjacent the head and wherein the  
3        connector section has a size less than the size of the  
4        head.

1        4. (original) The device of Claim 3 wherein the connector  
2        section has a pair of opposed and parallel flat sections.

1        5. (original) The device of Claim 4 wherein the head has a  
2        pair of opposed and parallel flat sections adjacent and  
3        parallel to the pair of flat sections of the connector  
4        section.

1        6. (original) The device of Claim 4 wherein the head has  
2        an indicator line spaced between and parallel to the pair  
3        of flat sections of the connector section.

1        7. (previously presented) The device of Claim 4 wherein a  
2        width of the connector section between the flat sections is  
3        less than a width of the opening of the catch.

1        8. (original) The device of Claim 1 wherein the opening of  
2        the catch has a first section and a second section, wherein  
3        a width of the first section is greater than a width of the  
4        second section and greater than a width of the head of the  
5        post and wherein the width of the second section is less  
6        than the width of the head of the post.

1        9. (original) The device of Claim 8 wherein the post has  
2        a connector section adjacent the head, wherein a width of  
3        the connector section is less than the width of the head of  
4        the post and wherein the width of the connector section is  
5        less than the width of the second section of the opening of  
6        the catch so that the connector section is able to slide  
7        into the second section of the opening of the catch.

1        10. (original) The device of Claim 9 wherein the connector  
2        section has a cylindrical shape so that when the connector  
3        section is in the second section of the opening of the  
4        catch, the catch can rotate around the connector section of  
5        the post.

HDI 4.1-1  
Appl. No. 10/627,066  
Response to Office Action dated June 1, 2005  
Amdt. dated July 26, 2005

1 11. (original) The device of Claim 8 wherein a channel  
2 having parallel sides connects the first section of the  
3 opening of the catch to the second section of the opening  
4 of the catch, the channel having a width between the sides  
5 less than a width of the first section and less than a  
6 width of the second section, wherein the post has a  
7 connector section adjacent the head, the connector section  
8 having a pair of opposed and parallel flat sections, and  
9 wherein the width of the channel is greater than a width of  
10 the connector section between the flat sections so that the  
11 connector section can be moved between the first and second  
12 sections of the opening through the channel.

1        12. (original)        The device of Claim 11 wherein the  
2        connector section has an essentially cylindrical shape with  
3        curved sections spaced between the flat sections, wherein  
4        a diameter of the connector sections between the curved  
5        sections is greater than the width of the connector section  
6        between the flat sections and the width of the channel  
7        between the sides so that the flat sections of the  
8        connector section must be parallel to and spaced between  
9        the sides of the channel when the post is moved from the  
10       first section to the second section of the opening through  
11       the channel.

1       13. (original) The device of Claim 8 wherein the catch has  
2       a recess extending around a portion of a perimeter of the  
3       second section of the opening, wherein a size of the recess  
4       is greater than a size of the head of the post to allow the  
5       head to extend into the recess when the post is in the  
6       second section of the opening and the catch is connected to  
7       the post.

1       14. (original) The device of Claim 1 wherein the catch is  
2       connected to the head and neck support device by a strap.

1       15. (original) The device of Claim 1 wherein a size of the  
2       back surface of the base adjacent the outer surface of the  
3       helmet is greater than a size of the hole in the helmet.

1       16. (original) The device of Claim 15 wherein a size of  
2       the retainer adjacent the inner surface of the helmet is  
3       essentially similar to the size of the back surface of the  
4       base adjacent the outer surface of the helmet.

Claims 17-26 (Cancelled)

1       27. (currently amended) An attachment device for connecting  
2       a head and neck support device to a helmet, which  
3       comprises:

4               (a) a base, having a front surface and a back  
5       surface with an opening extending therebetween, for  
6       positioning on the helmet with the back surface of the base  
7       adjacent to an outer surface of the helmet and the opening  
8       of the base aligned with a hole in the helmet;

9               (b) a button having an opening and positioned  
10      adjacent the front surface of the base with the opening of  
11      the button aligned with the opening of the base;

12              (c) a resilient member positioned between ~~the~~  
13      ~~front surface of~~ the base and the button for biasing the

14 button in a direction away from the base;

15 (d) a post, having opposed first and second ends  
16 with a head at the first end, for positioning through the  
17 openings of the button and the base and the hole in the  
18 helmet so that the second end of the post is adjacent an  
19 inner surface of the helmet;

20 (e) a retainer for mounting on the second end of  
21 the post adjacent the inner surface of the helmet for  
22 securing the post in position in the hole in the helmet;  
23 and

24 (f) a catch for connecting to the head and neck  
25 support device and having an opening with a first section  
26 and a second section for connecting to the head of the post  
27 by positioning the head of the post through the opening  
28 wherein a width of the first section is greater than a  
29 width of the second section and greater than a width of the  
30 head of the post, wherein the width of the second section  
31 is less than the width of the head of the post, wherein the  
32 catch has a recess extending around a portion of a  
33 perimeter of the second section of the opening and wherein  
34 a size of the recess is greater than a size of the head of  
35 the post to allow the head to extend into the recess when  
36 the post is in the second section of the opening and the  
37 catch is connected to the post.